



## PUMP

The PEDROLLO CP range are non self-priming closed impeller pumps with integral motors. They are efficient, quiet and rated for continuous duty making them suitable for water boosting and transfer in a variety of domestic, industrial and agricultural applications. They are also particularly suited to automatic pressurised supply using either a surge tank or 'Presscontrol' unit.

Pump construction material is cast iron for the casing and brass alloy for impellers.

Pumps can be installed for manual or automatic control using either the unique 'Presscontrol' unit or a pressure tank and switch. Cpm 158 is available with the 'Hydrofresh' option combines a 24L horizontal diaphragm tank, pressure switch and gauge with pressure settings of 1.8Bar for pump start and 3.2 ar for pump stop.

## MOTOR

Pumps are close coupled to a Pedrollo brushless TEFC induction motor designed for continuous operation. Single phase motors are provided with a thermal cutout in the windings to protect against electric and mechanical overload and can be connected directly to the mains power supply through a 10Amp fuse or MCB. Three phase motors require remote DOL starter protection according to local regulations.

**Enclosure Class:** IPX4

**Insulation Class:** F

**Speed:** 2900 rpm

## OPERATING CONDITIONS

**Pumped liquid:** Thin, clean, chemically non-aggressive liquids without solids or fibres.

**Max. Fluid Temperature:** +90°C

**Max. Ambient Temperature:** +40°C

**Max. Suction lift:** 7 m (at sea level).

## PUMP DATA

Model	Voltage (V)	Motor (kW)	Current (A)	DN1 (")	DN2 (")	Dimensions (mm)				Weight (kg)
						L	H	H1	W	
CPm 130	1x240	0.37	2.9	1	1	257	205	82	165	8
CPm 150		0.75	5.4			286	240	92	190	12
CPm 158			5.8			286	240	92	190	12
CPm 158 Hydrofresh		1.1	7.2	535		600	-	255	21	
CPm 170				367		260	110	206	18	
CPm 190				364		290	115	242	22	
CPm 200				384					24	
CP 200		3x415	2.2			5.2				

